

DERWENT-ACC-NO: 1988-356404

DERWENT-WEEK: 198850

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TITLE: Two liq. wash primer compsn. - comprises
polyvinyl butyral resin soln. contg. vanadium pent:oxide
and/or ammonium vanadium and phosphoric acid

PATENT-ASSIGNEE: NIPPON LIGHT METAL CO[NIMI]

PRIORITY-DATA: 1987JP-0099942 (April 24, 1987)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
<u>JP 63265978 A</u>	November 2, 1988	N/A
004 N/A		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP 63265978A	N/A	1987JP-0099942
April 24, 1987		

INT-CL (IPC): C08K003/20, C08L029/14 , C09D003/74 , C09D005/12

ABSTRACTED-PUB-NO: JP 63265978A

BASIC-ABSTRACT:

The primer comprises resin soln. consisting mainly of
polyvinylbutyral resin
and acid liq. consisting mainly fo phosphoric acid. The resin soln.
contains
either or both of V2O5 and ammonium vanadate (1-12 wt.%).

Typical compsn. for resin liq. component, (pts. wt.) is
polyvinylbutyral resin
7.2, vanadium pentoxide 3.0, talc 5.0, IPA 48.8 and n-butyl alcohol
16.0. and
for acid liq. component: phosphoric acid 3.6, water 32. and IPA
13.2.

USE/ADVANTAGE - The wash primer is useful for preparing anticorrosive

and
adhesion improving undercoating for covering various structural
materials made
of metal, e.g. steel, galvanised steel, Al etc. Since the wash primer
contains,
unlike conventional wash primer, no chromic cpd., it is non-hazardous
to human
health and non-pollutive for working environment. The primer offers
superior
anticorrosion effect to Al materials.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: TWO LIQUID WASHING PRIME COMPOSITION COMPRISE POLYVINYL
BUTYRAL

RESIN SOLUTION CONTAIN VANADIUM PENTA OXIDE AMMONIUM
VANADIUM
PHOSPHORIC ACID

DERWENT-CLASS: A14 A82 G02 M14

CPI-CODES: A10-E02; A12-B04E; G02-A05E; M14-K;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0304U; 0836U ; 1711U ; 1926U

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0231 1992 2318 2507 2675 2728

Multipunch Codes: 014 04- 231 232 233 316 332 398 47& 477 525 62-

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1988-157589